

"Lockable elastic joint for anthropomorphous robot serving industrial machines, particularly for sheet metal machining machines."

ABSTRACT

5 A lockable elastic joint for anthropomorphous robot is described that is provided with wrist and handling organ, comprising a first part that is fastenable to the wrist of the robot and a second part that is fastenable to the handling organ of the robot. First coupling means are provided between said parts that are suitable to maintain the same parts at a pre-set distance and on
10 planes parallel to each other and second coupling means between said parts suitable to allow in an elastic way or, as an alternative, to prevent mutual movements of said parts along two directions parallel to the planes of the two parts and perpendicular to each other and around an axis perpendicular to the aforesaid planes. In addition there are preferably provided locking
15 means that are suitable to lock the two parts to each other in any position decentralised the one as regards the other.